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A1

1. A wind power installation comprising a machine housing which accommodates a rotor with at least one rotor blade and a displacement device for displacement of the machine housing for desired orientation of the rotor in the direction of the wind, wherein the displacement device has as its drive (1) a three-phase asynchronous motor which for displacement of the machine housing is acted upon by a three-phase current and is at times or completely acted upon with direct current during the stoppage time of the machine housing.
2. A wind power installation as set forth in claim 1 characterised in that the three-phase asynchronous motor is acted upon with the direct current after the three-phase current is switched off, for deceleration purposes.
3. A wind power installation as set forth in claim 1 or claim 2 characterised in that deceleration of the three-phase asynchronous motor at the end of the displacement operation is controlled by means of the magnitude of the direct current.
4. A wind power installation as set forth in one of the preceding claims characterised in that the displacement device has a plurality of three-phase asynchronous motors which are coupled together.
5. A wind power installation as set forth in claim 4 characterised in that the three-phase asynchronous motors are electrically coupled together by means of a current transformer.

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